



VPI/00-115

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ERK-5 DEFICIENT ANIMALS AND METHODS OF INHIBITING
ANGIOGENESIS THROUGH THEINHIBITIONOF ERK-5**

the specification of which

(check [X] is attached hereto
one)

[] was filed on June 22, 2001 as Application Serial No. **09/888,182**
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application.

I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority
Claimed

(Number)	(Country)	(Day /Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
----------	-----------	-------------------------	---------------------------------	--------------------------------

<u>60/214,044</u>	<u>June 23, 2000</u>
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or under § 120 and § 365(c) of the same Title of any international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

[illegible]

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
1	1/1/2000	patented
2	2/2/2001	pending
3	3/3/2002	abandoned

As a named inventor, I hereby appoint the following attorneys or agents to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

James F. Haley, Jr., Esq. - Reg. No. 27,794
Andrew S. Marks, Esq. - Reg. No. 33,259
Ian Robert Silverman - Reg. No. 37,443
Nandakumar Govindaswamy - Ltd. Recognition
Andrea L.C. Robidoux - Reg. No. 47,902

Send correspondence to:


Andrew S. Marks
VERTEX PHARMACEUTICALS INC.
130 Waverly Street
Cambridge, MA 02139-4242

Direct telephone calls to:

Andrew S. Marks
(617) 577-6692

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor Keisuke Kuida

First Inventor's signature  6/23/01
Date

Residence United States of America

Citizenship Japan

Post Office Address 8 Appletree Lane

Lexington, Massachusetts 02420 USA

Full name of second joint inventor Michael Shin-San Su

Second Inventor's signature  7/19/01
Date

Residence United States of America

Citizenship United States of America

Post Office Address 15 Donna Road

Newton, Massachusetts 02159 USA

Full name of third joint inventor Li Wei

Second Inventor's signature  7/02/01
Date

Residence United States of America

Citizenship Peoples Republic of China

Post Office Address 78 Mountain Lauren Lane

Abington, Massachusetts 02351 USA